09/680370

Abstract

Method for conversion of interface definitions, and an intermediate format table for this purpose

The invention is aimed at methods for converting interface definitions within a source code program into an intermediate format, and reverse conversion to an object program code from the table, and to the table itself. The conversion method is carried out by means of a computer system which carries out the method, and has the following steps:
A.: Identification of at least one object in the source code program;
B.: Identification of at least one interface in the at least one identified object; wherein at least one of the identified interfaces may be an internal interface for producing a link from objects within the source code program and/or at least one of the identified interfaces may be an external interface for producing a link from an object with interfaces located outside the source code program; and
C: Identification of at least one link (internal or external) between interfaces;
D: Creation of an at least two-dimensional intermediate format table (1) having rows (4, 11, 14, 17, 21, 25, 34) arranged in a first dimension (2), having rows (5, 6, 18, 24) arranged in a second dimension (3), and having cells at the intersections of the first and second rows, wherein rows (4) in the first dimension (4) are assigned designations for each of the at least one identified object; wherein rows (5, 6) in the second dimension are assigned designations for each of the at least one identified links; and

wherein designations (8, 10) for the output interface and/or input interface which is associated with both the respective identified object and the identified link are inserted in each of those cells (7, 9) which are located at the intersection of one of the rows (4) in the first dimension (2) with the designation of an identified object and one of the rows (5, 6) in the second dimension (3) with the designation of an identified link (internal or external).

Figure 1